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WITH A LIST OF THE

MEDICAL AND SURGICAL FORCE OF NEW YORK

IN THE WAR OF THE REBELLION,

1861-2.

TO WHICH IS ADDED A BRIEF NOTICE OF THE HOSPITALS AT FORTRESS
MONROE AND WHITE HOUSE, VIRGINIA.

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P. 201

BY SYLVESTER D. WILLARD, M. D., OF ALBANY,
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HONORARY MEMBER OF THE CONNECTICUT MEDICAL SOCIETY, &c.

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CONSERVATIVE SURGERY:

LIST OF THE MEDICAL AND SURGICAL FORCE OF NEW YORK,
IN THE WAR OF THE REBELLION, 1861, '62. BRIEF NOTICE
OF THE HOSPITALS AT FORTRESS MONROE AND WHITE-
HOUSE, VIRGINIA, ETC.

As the wealth of a State consists in the number of its population, so the strength of an army depends not only upon its numbers, but in their ability to put in exercise the munitions of warfare. And this ability depends not only upon the skill of commanding officers to direct the movement of troops, but in the physical strength of troops to endure wearisome marches and fierce engagements in battle. The first and most important qualification of soldiers then, is health; and to exercise a surveillance over them and to keep them in health, is the duty of the surgeon. In the formation of an army the surgeon is as important and indispensable as the general.

Nor do we any longer associate with the army surgeon the idea of a man who sees before him hundreds of wounded soldiers, with no other feeling than the variety and opportunity they afford him for an almost indiscriminate use of the catling or scalpel, and who only sees in mutilated limbs and broken bones what *can* be amputated, instead of what possibly *may* be saved; who seeks to dispatch a case suddenly, by giving it a positive character, rather than by patient waiting to aid nature in its restoration. That the army is a place to learn surgery, has been an opinion very generally received; that it has been learned at the expense of many a poor soldier, whose limbs might have been saved, may as truthfully be added.

The events which within the last year have plunged our nation into the evils of a civil war, are calculated to develop a new era in the history of military surgery, and install the military surgeon with new dignities and more humane duties. His chief duties are no longer those of the mechanical or skilful operator, but they are extended to the protection and almost parental care of the soldiery.

The principles of hygiene and sanitary science are now un-

folded, and thrown as a protection around the army to insure it against the diseases of the camp, which have ever proved more fatal in the march of armies than the bullets and shells of the enemy. We need only to cite the instances of sickness and mortality in the French army at the Crimea, as reported by Dr. G. Scriver, the Surgeon General of the army. That war lasted for twenty-four months, summer and winter, without any intermission. The entire number of French troops that were sent to the East amounted to 309,268 men. Of this number, 200,000 were received in ambulances and hospitals, for medical aid, 50,000 for wounds, and 150,000 for diseases of various kinds. The total mortality was 69,229; or $22\frac{1}{3}$ per cent. 16,325 of these died of wounds, and about 53,000 from diseases. Thus, those by diseases, it will be seen, are more than three times the number of those destroyed by wounds. There were of ordinary wounds, 2,185; gunshot wounds, 22,891; frost-bitten, 3,472; typhus fever, 3,840; cholera, 8,196; scurvy, 17,576; feverish, 63,124; venereal, 241; itch, 124. There was a great mortality from scurvy and frost bites. Of the 25,076 cases of ordinary and gunshot wounds, it will be observed that there was the immense mortality of about seventy-five per cent., notwithstanding all that skillful surgery could do to avert such melancholy results. Many of these cases terminated doubtless as the sequels of operations, by traumatic fever, hemorrhage, excessive suppuration, spasms, erysipelas, gangrene, pyemia and tetanus. Pyemia at the Crimea was one of the chief sources of danger after operations. How many of that 16,325 might have been saved by a more conservative surgery, and thus avoiding the sequelæ of operations as dangerous as the wounds themselves, is a problem perhaps not easily calculated. But might not an increased vigilance in the sanitary and hygienic regulations have averted the pneumonia, and the typhus and the fevers, by which the fearful number of 150,000 troops were prostrated in a period of two years, and of which 53,000 died—a mortality of $33\frac{1}{3}$ per cent; and doubtless the lives of many others were shortened by exposure and disease that developed with fatal results after the termination of the war. This comparison is not instituted for the purpose of deprecating skillful surgery. We award to it the relief it brings, and the grand results it achieves.

In the hands of the conservative surgeon neither the officer or those of his command have anything to fear. In the hands of

the bold, dashing operator, and such sometimes find their way to the surgical staff, there is more cause for apprehension. But the point intended to be illustrated by the comparison is, that if all cases requiring capital operations, doubtful in their results, were abandoned to nature, and the skill of the surgeon directed to the prevention of disease, by discovering and avoiding the sources of malaria, by careful inspection of the dress and diet, the amount of fatigue incurred, and the general hygienic condition of the camp and hospital, whereby the sickness of the 150,000 might be diminished and the fearful mortality of $33\frac{1}{3}$ per cent. lessened, the strength of the army would be increased and therewith a saving of human life greater than that hoped for by the most brilliant surgical operations. This position in favor of conservative surgery is elucidated and sustained by the remarks of a surgeon in the volunteer service of great practical experience, who writes from a distant field of service, where he has had opportunity to put into practice the precepts* of military surgical authorities: "I conjure you," says he, "in the august name of that humanity which should be identified with the title of surgeon, to guard young surgeons against yielding to their eagerness to *cut*, and also to counsel against primary amputations, particularly in the thigh where there is a large wound of the soft parts combined with fracture of the bone. Of the three 'primary' amputations performed in my presence yesterday, the subjects all died, one of them in the very act of the operation. In each of these cases, with the rules of army surgery stated by the eminent army operators fresh in my mind, I silently dissented from the practice." Should the dissent have been silent? Could not the unfavorable prognosis have been foreseen and the operations avoided or delayed until they gave some slight promise of success?

The call for surgeons to supply the volunteer troops of the State of New York, has been responded to with a zeal worthy of a noble profession, with an enlightened and liberal patriotism that sheds a luster upon the escutcheon of the Empire State, and which has already reflected honor upon our nation, and given distinction by its heroism and fidelity to our national arms. Among the number are some of the most accomplished surgeons in the country, and one† who is among the distinguished members of our society, to whom we point with just pride.

* Am. Med. Times, March 29, 1862, p. 182. † Prof. Frank H. Hamilton.

It has been my object to collect from official sources the entire medical and surgical force from the State of New York, which has been engaged in this unhappy war, and to arrange it in such a form as to give it convenience for future historical reference to the whole profession and to the State. No place could be more appropriate for its publication than the Transactions of our Society. My first thought was to refer, by foot notes, to the many interesting articles published in the journals of the day, by the various members of the medical staff, but I soon found that such a plan would be necessarily incomplete on account of the limited number of medical periodicals that might come under my own eye, and it was accordingly reluctantly abandoned.

No ordinary interest would now be attached to a full account of the surgeons of the Revolution and a history of their operations, or to those which our State furnished in the war of 1812. Whatever either accomplished, their names and labors find no record on the page of history.

In the number who compose the medical staff of the State of New York, I do not include those citizens of this State who were already in the regular army or navy service when the war began, or those engaged in the three month militia service, but

1st. Those who were examined by the Naval Board after the commencement of the war.

2d. Those who were examined by the Army Board after the commencement of the war.

3d. The Sanitary Commission.

4th. Those examined by the Medical Board at Washington.

5th. Those examined by the Medical Board at Albany.

The sanitary commission, as is well known from their frequent published documents, was organized at Washington on the 13th of June, 1861, in accordance with a suggestion made to Mr. Cameron, the Secretary of War, by the acting Surgeon General, R. C. Wood, on the 22d of May previous. The suggestion met the approval of the Secretary of War and received the approbation of the President, Mr. Lincoln, on the 13th of June, the same day on which the commission was organized. Its object was to lessen the pressure upon the medical bureau in view of so large an army, and to direct the "intelligent mind of the country to practical results connected with the comforts of the soldier by preventive and sanitary means." It includes in its range all that refers to the health, comfort and morale of the troops; by

seeing how far a volunteer force may be speedily brought to conform to the standard regulations of the regular army; by making scientific inquiry into all that relates to camp grounds, clothing, tents, cooks, cooking and diet; by exercising precaution against excess of heat and cold; by guarding against the influences of malaria and infection; by providing early and ample comforts for the sick and wounded, by general attention to military hospitals; these investigations to be guided by the highest medical and military experience and foresight.

The commission have labored diligently and achieved much towards carrying out their original designs. They have appointed a large number of associate members* in all the loyal states to co-operate with them in their benevolent and patriotic measures; and already more than forty documents, some of them written with marked ability, have been published under their authority.

The record of brigade surgeons, which was obtained from the Surgeon General's department in Washington, shows that of the twenty-two who were examined by the medical board in Washington, six had already been examined in Albany, and appointed to the charge of regiments.

The examining board at Albany, was organized on the 19th April, 1861, by His Excellency, Governor Morgan, upon the suggestion of Surgeon General Vanderpoel. The board consisted of Drs. Alden March, Thomas Hun, and Mason F. Cogswell, gentlemen well known for their high toned professional accomplishments, their sterling integrity, and their earnest patriotism. Up to the 10th December, the board had examined 468 applicants, 228 of whom were accepted as qualified to act as surgeons, and 137 as assistant surgeons.

The plan of the examination was by a series of printed questions that were placed before the applicant, answers to which he was required to write within a given time, as concisely and completely as possible, without consulting books or persons. The topics embrace anatomy, surgery, chemistry, theory and practice of medicine, and therapeutics.

The answers were carefully examined together with testimonials of character and skill, and in view of the same the grade of the applicant was determined. This board remark in its report to the Surgeon General, that "It is believed the list embraces a

* List of members; Sanitary Document No. 34; Dec. 7, 1861.

body of men possessing that character, education, practical skill and experience which all so earnestly desire, may be secured in behalf of the health and the lives of our volunteer forces."

The inquiry has been so often repeated as to the character of these examinations that I make no apology for appending a copy of the series of questions. They may be found also in the report of Surgeon General Vanderpoel, to the Governor and Commander-in-chief of our State forces, and are as follows :*

Copy of questions submitted Applicants by Examining Board.

First series.

Each candidate will, without reference to books, furnish written answers to as many of the following questions as the allotted time will allow. The answers should be concise, and at the same time as complete as possible.

Each answer should be numbered to correspond with the number of the question.

The paper containing the answers is to be signed, and, together with this sheet, inclosed in a sealed envelope, on the back of which the name and address of the candidate are also to be written.

1. Describe the course and relative position of the femoral artery; also the operation of ligature of the femoral artery.

2. Answer the same questions in regard to the brachial artery.

3. Give the names, situation and distribution of the principal nerves of the upper extremity.

4. Describe the operation of amputation of the thigh. Describe the operation of amputation of the leg. Describe the operation of amputation of the forearm.

5. Describe the dressing and subsequent treatment, and the accidents which may follow these operations.

6. Give the diagnostic signs of compression and concussion of the brain, and the general treatment applicable to each.

7. Describe the accidents accompanying incised wounds, and the treatment.

8. Describe the characters and treatment of lacerated wounds.

9. Give the characters and accidents peculiar to gunshot wounds, and the general treatment.

10. What are the rules for amputation in cases of gangrene?

11. Under what circumstances is traumatic erysipelas liable to come on, and how it is to be prevented and treated?

12. What are the symptoms of shock or collapse, following severe injuries? Give the treatment of this condition.

13. Give the hygienic and medical treatment of dysentery occurring in camp life.

* Assembly Doc. No. 12, 1862.

14. What are the constitutional disturbances caused by burns? Give the general and local treatment.

15. Give the chemical composition, medical uses and mode of administration of the following substances; calomel, corrosive sublimate, iodide of potassium, epsom salts, sulphate of copper, lunar caustic.

Copy of questions, second series.

1. Describe the different dislocations of the os humeri—the diagnostic signs of each, and the mode of reduction in each case.

2. Answer the same questions in regard to the dislocations of the hip joint.

3. Describe the course and relative position of the arteries of the forearm and hand.

4. Describe the operation of ligature of the anterior tibial artery. Describe the operation of ligature of the radial artery. Describe the operation of ligature of the external iliac.

5. Describe the operation for strangulated inguinal hernia, dressing and subsequent treatment.

6. Give the most important means of arresting hemorrhage from incised wounds; also from punctured wounds.

7. Give diagnostic signs and treatment of fracture of the lower portion of the radius; also of the lower portion of the fibula.

8. Give the symptoms of scurvy, its causes, mode of prevention and treatment.

9. Give the symptoms and physical signs of the different stages of pneumonia.

10. Describe the danger of penetrating wounds of the thorax; the symptoms of wounds of the lung; and the general management of such accidents.

11. Give the general character and treatment of gunshot wounds.

12. Give the treatment of wounds of the intestines.

13. What is meant by pyœmia? Under what circumstances does it occur? How is it to be recognized and treated?

14. Give the medicinal properties, modes of administration and doses of the following substances: aloes, jalap, calomel, opium, tartarized antimony, sulphate of zinc.

Copy of questions, third series.

1. Describe the symptoms and course of typhoid fever, its anatomical lesions and treatment.

2. Give the causes, symptoms and treatment of bilious remittent fever; also of intermittent fever.

3. Give the symptoms, physical signs and anatomical lesions of pericarditis.
4. Give the symptoms of hectic fever, the circumstances under which it occurs, and its treatment.
5. Describe phlebitis, its causes and its consequences.
6. Describe the causes and consequences of varicose veins of the leg, and the mode of management.
7. Describe some of the principal acute inflammations of the eye; explain the tissues involved, and give the treatment.
8. Describe the primary, secondary and tertiary forms of syphilis, the diagnosis and treatment.
9. Describe the dangers and general mode of treatment of fractures, simple, compound and comminuted.
10. Describe the apparatus necessary for dressing a fracture of the femur, and its mode of application.
11. Answer the same question in regard to fracture of the tibia.
12. Give the rules for applying ligatures to large arteries, and the subsequent treatment.
13. Describe the course and situation of the large arteries and veins of the neck.
14. Give the symptoms and physical signs of phthisis pulmonalis in its early stages.
15. Give the medicinal uses, the doses and mode of administration of the following substances: digitalis, extract of belladonna, nitrate of potash, tartar emetic, chloroform, cod liver oil.

Copy of questions, fourth series.

1. Describe the origin, position and distribution of the sciatic nerve.
2. Describe the origin, course and general distribution of the fifth pair of cranial nerves.
3. Describe the ligaments of the hip joint.
4. Describe the origin and course of the right and left primitive carotid arteries.
5. Enumerate and describe the membranes of the brain.
6. Under what circumstances is the operation of trepanning necessary? Describe the operation and subsequent treatment.
7. Describe the operation of ligature of the femoral artery, the subsequent treatment and the accidents which may follow the operation.
8. Give the causes and treatment of fistula in ano.
9. Give the diagnostic signs, prognosis and treatment of fracture of the femur within the capsular ligament.
10. Describe the operation of amputation of the thigh, the dressing and subsequent treatment.

11. Describe the accidents which may follow amputation.
12. Give the symptoms, course and anatomical lesions of typhoid fever.
13. Give the symptoms, physical signs and modes of termination of acute and chronic pleurisy.
14. Describe the organic lesions which give rise to dropsical effusions.
15. Give an account of the principal constituents of the blood.
16. Give the medicinal uses and modes of administration of the following substances: nitrate of silver, senna, sulphate of magnesia, colchicum, digitalis, opium, hyoscyamus, corrosive sublimate.

Copy of questions, fifth series.

1. Give the commencement, course, termination and relations of the jugular veins.
2. Give the diagnostic symptoms of paralysis of the facial nerve.
3. Describe the operation of excision of the knee joint, and also of the elbow joint, and state in what cases these operations should be preferred to amputation.
4. In cases which admit of a choice, which method is to be preferred in amputation of the foot? Describe the operation.
5. Give the diagnosis and treatment of fractures of the clavicle.
6. Give the differential diagnosis between hernia and varicocele, and describe the operation for the radical cure of the latter.
7. Give the causes and treatment of hemoptysis.
8. Give the causes and treatment of retention of urine, and describe the method of introducing the catheter.
9. Give the symptoms, cause and treatment of acute rheumatism and its complications.
10. Give the symptoms and treatment of diphtheria and its sequelæ.
11. Describe the primary, secondary and tertiary forms of syphilis, the diagnosis and treatment.
12. Give the tests for albumen, and also for sugar in the urine.
13. Write out in full a prescription for a purgative pill, a diuretic mixture, and a cough mixture.

In presenting the list of surgeons of the volunteer force which I have arranged in a tabular form, I take pleasure in acknowledging my indebtedness to Surgeon General Vanderpoel, for affording me every facility in its preparation, by allowing me free access to his official records, nor can I here forbear to speak of the very able and faithful manner in which the arduous and respon-

sible duties of his office have been performed. Surgeon General Vanderpoel's early and persistent measures for the revaccination of the troops, (and his returns show the only statistics of revaccination in the present army,*) his energy in establishing hospitals at the general depots, his constant attention and watchfulness for the general health of the troops, his efforts to supply efficient surgeons to the various regiments, together with the minor duties, have been executed with indefatigable energy, and with an ability and patriotism that reflect credit not only upon our profession but on the State of New York.

* See Sanitary Commission Document E, page 26.

The Naval Medical Board, which convened in the early summer of 1861, and was dissolved by an order of the Secretary of the Navy, on the 27th of January, 1862, its duties being completed, accepted the following candidates:

NAMES.	Age.	Where graduated.
Adams, Newton H.		Albany Medical College.
Allingham, James J.		College of Physicians and Surgeons.
Brown, Wm. Mann.....		Buffalo University.
Brush, George R.		College of Physicians and Surgeons.
Clarke, Stephen H.		University of New York.
Covell, Charles E.*.....		University of New York.
Carter, Charles		College of Physicians and Surgeons.
Chalmers, William		College of Physicians and Surgeons.
Gunning, J. Henry.....		University of New York.
Hall, Watson C.		Geneva Medical College.
Lewis, F. B. A.....		Harvard University.
Murphy, John D.		University of New York.
Plant, William S.....		University of Michigan.
Tevey, Wm. F.		University of New York.
Smith, Heber.....		College of Physicians and Surgeons.
Storm, George D.		Buffalo University.
Zinzin, Lewis		McGill College, Montreal.

NOTE.—Sixteen of fifty-nine were from the State of New York.

* Charles E. Covell was born in Hartford, Washington Co., New York, in 1837. He was a student of Dr. J. Swinburne, in Albany, and was graduated in medicine at the University of New York in 1860. He became resident physician to the Children's Hospital, and subsequently became an interne at Bellevue Hospital, where, by his intelligence and fidelity, he gained warm friends. On the breaking out of the present war, he determined to enter the naval service, and was accordingly examined June 14th, 1861, before the Naval Board. He at once received orders, and sailed on the "CITY OF NEW YORK" on the 7th July for Pensacola. On the 22d July he was transferred by the United States flag ship MISSISSIPPI to the U. S. Frigate COLORADO, where he entered his duties as the assistant of Dr. Horner, the Surgeon of the fleet. He was in a few days seized with dysentery, of which he died on the 7th day of August, 1861. A few hours before he died, he penned a beautiful and affectionate letter to his mother, telling her of the fate he was in a few hours to meet, and of God's grace, which was sustaining him as the fatal hour approached. Thus was suddenly terminated a life full of professional zeal and promise. It was given to the cause of Liberty. Thus were crushed a mother's hopes in her only son. Such is the price of Liberty.

S. D. W.

The following gentlemen were candidates for the Medical Corps of the United States Army, from the State of New York, who were examined and approved by the Army Medical Board, convened in New York, May, 1861.

NAME.	Age.	Where graduated.	Year.
Bell, John	29	University of Pennsylvania	1854
Gray, Charles C.*	23	Hobart College, Geneva.....	1860
Gourley, John W. S.	29	College of Physicians and Surgeons.....	1858
Goddard, Charles E.	23	College of Physicians and Surgeons.....	1859
Dunster, Edward Swift	27	New York Medical College	1859
Horton, Samuel M.....	23	Jefferson Medical College	1861
Howard, Benjamin	25	College of Physicians and Surgeons.....	1859
Pooley, James H.	23	College of Physicians and Surgeons.....	1860
Sprague, Havilah M.....	27	University Medical College, N. Y.....	1861
Spencer, William C.	23	Jefferson Medical College.....	1860
Steinberg, George M.....	23	do do do	
Temple, Joseph E.....	29	Jefferson Medical College.....	1853
White, Charles B.....	24	University Medical College, N. Y.	1859
Weir, Robert Fulton.....	23	College of Physicians and Surgeons.....	1859
Winne, Charles K.....	23	Jefferson Medical College.....	1859
Beardsley, Grove S.†	23	Univerity of New York.....	1859

* "Would not leave his wounded." Prisoner at Bull Run and still unexchanged, June 5, 1862.

† Subsequently passed the Naval Board, and declined an appointment in the army.

The Sanitary Commission consists of the following gentlemen:

Rev. Henry Bellows, D. D., President, New York.

Prof. A. D. Bache, M. D., Vice President, Philadelphia.

Elisha Harris, Corresponding Secretary, New York City.

George W. Cullum, U. S. Army.

Alexander E. Shiras, U. S. Army.

Robert C. Wood, M. D., U. S. Army.

William H. Van Buren, M. D., New York.

Wolcott Gibbs, M. D., New York.

Cornelius R. Agnew, M. D., New York.

J. S. Newbury, M. D.

George T. Strong.

Subsequently added as commissioners under the authority of Secretary of War.

Frederick Law Olmstead.

Samuel G. Howe, M. D.

Horace Binney, Jr.

Rt. Rev. Thomas M. Clark, D. D., of Rhode Island.

Frederick Law Olmstead was appointed General Secretary at Washington.

J. Foster Jenkins, M. D., of Yonkers, New York, Secretary for the Army of the Potomac.

J. H. Douglas, M. D., of New York City, Secretary for the divisions under Generals Banks, Dix and Wool.

J. S. Newbury, M. D., Secretary for the western armies.

Franklin B. Hough, M. D., of New York, Secretary for the Army of the Potomac.

Surgeons who have been appointed to the charge of Brigades from the State of New York, and who were examined by the Medical Board in Washington.

NAMES.	Age.	Where assigned.
Azpell, Thomas S.		General Wool's Division.
† Bontecou, Reed B.*		
Brown, Rufus K.		
Burr, George		
Chamberlain, M. W.		
Church, W. H.		General Hunter, Missouri.
Dalton, John C., Jr.		
Hamilton, Frank H.*		
Hewitt, Henry S.		
Hoff, Alexander H.*		
Lidell, John A.		General Dix's Division, Baltimore.
McMillan, Charles		
Mosely, Nathaniel R.*		
McNulty, John*		
Oliver, George H.*		
Otterson, William C.		General Anderson, Kentucky. General Landers.
Spencer, T. Rush*		
Strew, William W.		
Suckley, George		
Thompson, J. Harry*		
Thurston, A. Henry		

* Previously examined by the Medical Board at Albany, and appointed to the charge of regiments.

† In charge of General Hospital at Fortress Monroe, Va.

Examined by the Medical Board at Albany, and passed as Surgeons New York State Volunteers.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Alexander, Joseph B.	38	University of Virginia	1852	Student in Charity Hospital; in practice 18 years .....	.....	
Armstrong, Henry A.	42	New York Med. College.....	1854	.....	Surg. 2d reg't artillery	
Atherly, Joseph	38	University of Glasgow	1851	Bartholomew Hospital 12 months; 3 years at Glasgow	Surgeon 22d regiment..	
Andrus, C. H.	38	College Phy'ns and Surgeons ..	1845	In private practice.....	.....	
Avery, A. Geer.....	40	Univ. of Louisville, Ky.	1845	.....	Asst. Surg. Ma. art'yry	
Barnes, Norman S.	35	Berkshire College.....	1852	3 months at Boston Hosp.; 3 months at New York Hosp.....	Surg. 27th regiment...	
Baekus, Azel.....	34	Univ. of Pennsylvania	1851	Had charge of Western House of Refuge 1 to 5 years .....	.....	
Baker, Charles H.	43	Albany Medical College.....	1842	Hospital practice 1 year; in private practice 18 years.....	.....	
Bannister, T. O.	28	University of New York.....	1856	.....	.....	
Barrows, N.....	31	College Phy'ns and Surgeons ..	1856	House surgeon at Bellevue hospital 18 months; in private practice.....	.....	
Bates, C. C.	33	New York University	1854	.....	.....	
Bausch, Charles	30	Tubingen	1851-7	.....	.....	
Beach, John	30	College Phy'ns and Surgeons...	1856	Deputy coroner of New York.....	.....	
Beakes, George M.	30	Albany Medical College.....	1856	In private practice.....	Asst Surg. 1st reg't cav	
Benedict, Michael D.	47	Yale Medical Institute	1836	In private practice 25 years.....	Surg. 75th regiment...	
Berkey, Reese B.....	34	Medical Dept. Penn. College ..	1849	.....	Surg. Col. Doubleday's 1st reg. heavy artillery	
Berry, Abraham J. ....	...	.....	...	.....	Surg. 38th regiment...	
Bidlack, William W.....	30	.....	1852	.....	Asst Surg. 62d reg't...	
Bissell, Elias L.....	28	Michigan University	1861	In private practice.....	Asst Surg. 44th reg't..	
Bogardus, John C.....	24	College Phy'ns and Surgeons ..	1860	.....	Asst Surg. 102d reg't ..	
Bontecou, Reed B.....	37	Castleton, Vermont.....	1847	In private practice.....	Surg. 2d regiment	Promoted to Brig. Sur. Chg Gen.Hos.F.Monroe
Bradley, Thomas	35	Geneva Medical College.....	1847	.....	.....	
Brilliantosky, Samuel.....	37	University Berlin.....	1846	Attended Hosp. in Paris and Germany.	Surg. 41st regiment...	
Bresee, J. R.	40	College Phys. and Surgeons.....	1856	In general practice .....	.....	
Brown, Harvey E.....	25	University New York	1857	.....	Asst Surg. 70th reg't..	
Browne, Rufus K.	27	Long Island College Hospital..	1860	Resident Surg. L. I. Coll. Hosp.; Prof. Anatomy N. Y. Medical College....	.....	Promoted to Brig. Sur.

SURGEONS.—Continued.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Brueninghausen, Charles ..	51	Berlin, Prussia	1829	4 years in Marine Hospital; appointed by Gov. Fish .....	.....	Sur. 7th St'ben Rangers
Buck, Ephraim W.	29	College Phys. and Surgeons	1857	Eastern Dispensary 1 year	Surg. 51st regiment...	
Burr, William J.	43	Geneva Medical College	1845	In private practice	Asst. Surg. 59th reg't.	
Campbell, Augustus	40	Albany Medical College	1845	Assistant physician at Bellevue 1 yr; private practice 15 years	Surg. 77th regiment...	
Casey, James W.	27	Buffalo University	1862	2 years interne St. Mary's Hospital ..	Asst. Surg. 105th reg't	
Cass, Jonathan	36	Albany Medical College	1854	In general practice .....	.....	
Case, D. Meigs	25	New York University	1857	Bellevue Hospital 5 months; House Surg. Eye Infirmary 6 months .....	.....	Promoted to Surgeon.
Chamberlain, D. C.	46	Castleton, Vermont	1837	In private practice 24 years	Asst Surg. 43d reg't ..	
Chapin, Francis L. R.	36	Albany Medical College	1851	Albany Hospital 3 months	Surg. 105th regiment..	
Chapman, James	32	University New York	1852	.....	Surg. 30th regiment...	
Chase, Enos G.	34	Jefferson Medical College	1854	.....	Surg. 8th reg. cavalry.	Resig'd, & A Surg 90th
Churchill, Alonzo	50	Licensed by Ots. Co. Med. Soc.	1832	In practice 23 years	Surg. 104th regiment..	
Churchill, Seymour	48	Woodstock, Vermont	1838	In general practice	Surg. 14th regiment...	
Clark, A. M.	26	College Phys. and Surgeons	1857	In general practice	Surg. 23d regiment ...	
Cleveland, Warren	41	Castleton, Vermont	1847	Been Health officer of Brooklyn; in private practice .....	.....	Resigned,
Colgan, Joseph S.	42	Royal Coll. Surgeons, Dublin ..	1849	Attended Dispensary in Brooklyn; also Hospital in Dublin	Surg. 87th regiment...	
Cooper, William S.	42	Albany Medical College	1861	Practiced 19 years before graduation..	Surg. 59th regiment ...	
Cotelle, Victor Amede ...	....	.....	....	.....	.....	
Coventry, Walter B.	27	Buffalo Medical College	1858	Interne at Lying-in Hospital, Buffalo, 6 mo.; resident phy. Buffalo Hosp...	Asst Sur. Enfant Perdue	
Crandall, William B.	27	Albany Medical College	1858	Hospital service 6 mo.; 2½ years in Hospital London and Paris	Surg. 26th regiment...	
Cunynghame, Thurlow ...	28	McGill College, Montreal	1858	House Surg. Hospital 2 years	Surg. 16th regiment...	
Cutler, J. L.	33	College Phys. and Surgeons ...	1849	In private practice	Surg. 101st regiment...	
Dalrymple, A. P.	36	College Phys. and Surgeons	1851	.....	.....	Resigned.
Dalton, Edward B.	26	College Phys. and Surgeons ...	1858	1 yr at Bellevue; 2 yrs at St. Luke's Hospital	Surg. Eng. & Art. reg.	
Danaghe, William R.	31	New York University	1852	18 mo. Asst. Surg. at Bellevue; 6 yrs Surg. Demilt Dispensary, &c.	Surg. 36th regiment...	
David, William G.	30	Harvard Medical School	1854	9 mos in New York City Hospital .....	.....	
					Surg. 98th regiment...	

D'Avignon, Francis J.	54	Montreal, L. C.	1833	.....	.....	Surg. 96th regiment...	Promoted to Surgeon.
Dexter, James E.	37	New York University	1860	.....	.....	Asst. Surg. 40th reg't.	
Diekerson, D'Estaing	27	Albany Medical College ....	.....	.....	.....	Asst. Surg. 33d reg't..	
Dilts, George S.	30	New York University	1856	Hospital practice in France, Dublin, &c	.....	Surg. Jackson artillery	
Dimon, Theodore	44	University of Pennsylvania....	1838	Phy. in Auburn State Prison 2 yrs; in	.....	Surg. 19th regiment...	
Douglas, Frederick	25	New York University	1859	private practice .....	.....	.....	
Dumainville, Lucian	22	Long Island Hospital	1860	Attended Bellevue and N. Y. Hosp. 6	.....	Asst. Surg. 3d reg. cav.	
Dunster, Edward L.	27	New York Medical College	1859	mos; attend. Phy. Rochester Hosp.	.....	Asst Surg. 31st reg't ..	Promoted to Surgeon.
Ellis, Thomas T.	39	{ Royal College Surgeons, Lond.	1845	1 year .....	.....	Asst. Surg. U. S. A ..	
Eisenlord, A. M. F.	36	{ Royal College Phys., England	1845	Asst. of Dr. Rochester at Buffalo Hosp.	.....	.....	
Everts, Franklin.	31	New York University	1844	St. Luke's Hosp. 6 mos; acting Surg.	.....	.....	
Ferguson, Nelson D.	41	College Phys. and Surgeons ...	1854	Demilt Disp. 2 yrs .....	.....	.....	
Fisher, George J.	36	Geneva Medical College. . . .	1844	In private practice nearly 18 years ...	.....	.....	
Fiske, S. N.	24	University New York	1849	Surgeon Sing Sing prison, Priv. Prac.	.....	.....	Resigned, and app'ted
*Foy, M. Eyre	37	New York University	1860	.....	.....	Sur. 3d reg. Eagle Br'de	Surg. 8th cavalry.
Froehlick, Mority A.	31	L. R. C. of Edinburgh.	1846	7 yrs Surg. British army; several yrs	.....	Sur. 25th regiment ..	Consolidated to 95th
Frothingham, William	31	{ Tubingen	1854	in Hosp s of Europe .....	.....	Sur. 38th regiment ..	and must. out service.
Glennan, Patrick	35	{ New York Medical College ...	1856	.....	.....	.....	Resigned.
Goodale, Charles.	44	College Phys. and Surgeons ...	1854	In private practice .....	.....	Sur. 8th regiment....	Deceased.
Goodrich, Charles S.	...	College Phys. and Surgeons ...	1854	Bellevue Hosp. 2 yrs. ....	.....	Sur. 44th regiment ..	
Gouley, J. W.	29	College Phys. and Surgeons ...	1829	.....	.....	.....	
Gibbs, T. C.	34	Castleton, Vermont.	1853	.....	.....	Sur. 94th regiment...	Resigned.
Gilbert, Rufus H.	29	College Phys. and Surgeons....	1852	Prof. Anatomy N. Y. Med. Coll.; 10	.....	Sur. 102d regiment ..	Resigned.
Gray, E. P.	37	University of Buffalo	1849	ys Hosp. practice ....	.....	.....	
Haak, John William	45	Saxony.	1839.	In general practice. ....	.....	.....	
Hackley, Charles E.	25	University of Pennsylvania....	1859	1 yr in army South Florida; 1856 Surg.	.....	Surg. 5th regiment....	Promoted to Brig. Sur
Hall, James A.	45	Bowdoin, Maine.	1838	on steamer; general practice. ....	.....	Sur. 78th reg.	
Haerle, F.	26	Tubingen, Wurtemberg	1859	Private practice .....	.....	.....	
Hagen, Charles W.	32	St. Louis, Medical College	1861	Hospital practice 3 years .....	.....	Sur. 7th reg't cavalry	
Halsey, C. E.	27	College Phys. and Surgeons....	1858	Asst. Dem. when grad.; in gen'l prae.	.....	Sur. 49th regiment...	
							
				.....	.....	Sur. 54th regiment ..	
				.....	.....	Asst. Surg. 40th reg't.	
				L. Island Hosp. 1 yr; in private prac.	.....	.....	

SURGEONS.—Continued.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Hamilton, Frank H. ....	...	.....	....	.....	Surg. 31st regiment...	Promoted to Brig. Sur.
Hausen, Julius	33	Vienna, Austria .....	....	Hosp. Vienna, Wurzburg, Tubingen, &c	Surg. 20th regiment...	
Hunt, John W.	27	New York University	1859	House Surg. Bellevue Hosp. 1 yr; ship Surg. 1 voyage	Surg. 10th regiment...	Promoted to Brig. Sur.
Hoystradt, J. H.	30	Albany Medical College	1853	In general practice .....	.....	
Hedler, T. Lewis	36	Heidelberg, Freyburg .....	....	.....	Surg. 103d regiment ..	
Heiland, Charles	28	Gottingen, Kingsven .....	....	Surgeon of steamship "Hudson Wiser," and "New York," &c	Asst. Surg. 20th reg't.	
Helmer, Albert M.	29	University of Michigan	1858	Visitor at Bellevue and N. York Hosp. for 8 mos.	Surg. 28th regiment...	
Hermann, August.	35	College Phys. and Surgeons	1858	.....	Asst. Surg. 29th reg't.	
Hessell, Ferdinand	28	Marburg, Hesse	1856	.....	Surg. 58th regiment...	Resigned.
Hewett, James D.	27	New York University	1858	In private practice 3 years	Asst. Surg. 66th reg't.	Resigned.
Hewitt, Henry	64	Medical Dept. Yale College	1826	.....	Surg. 92d regiment...	
Hicks, J. Lawrence	26	College Phys. and Surgeons	1860	House Surg. at Bellevue 1 year	Surg. 1st regiment....	Resigned.
Hoff, Alexander H.	39	Jefferson Medical College	1845	Hosp. service some years	Surg. 3d regiment.....	Promoted to Brig. Sur.
Hoffmann, Edward S.	31	College Phys. and Surgeons	1855	.....	Surg. 90th regiment ..	
Hubbell, Charles L.	34	Berkshire Medical College. . . .	1848	In private practice 7 years; attending Surgeon Troy Hospital	Surg. 2d reg. B. H. cav.	Reg. disban'd and app. Sur. 12th reg't inf.
Hovet, Henry	35	Gottingen, Germany	1852	.....	Surg. 46th regiment...	
Howard, Benjamin	26	College Phys. and Surgeons	1857	House Surg. Jews' Hosp. New York; Ship Surg. Atlantic line	Asst. Surg. 19th reg't.	Resigned & app. U. S. A.
Howe, John	22	New York Medical College	1859	1 year House Phy. at Bellevue, &c ...	Asst. Surg. 1st reg't..	Promoted to Surgeon.
Humphreys, George H.	26	Jefferson Medical College	1856	Student 2 yrs in Hosp. Vienna, Berlin, Paris	Surg. 9th regiment....	
Hutchinson, William F.	24	New York University	1858	Army service in Charleston harbor; in Charity Hosp., New Orleans	Asst. Surg. 22d reg't..	
Ideler, Herman	42	School of Berlin, Prussia	1844	Hospital practice in Berlin	Surg. 45th regiment ..	
Irwin, Charles K.	36	Albany Medical College	1855	In practice since grad	Surg. 72d regiment...	
Janison, John S.	39	University of Michigan	1852	In private practice	Surg. 86th regiment...	
Jenkins, J. Foster	35	University of Pennsylvania	1848	Visitor at Mass. General Hosp. 6 mos.	Sanitary Commission..	
Joachim, Conrad	43	Wurtzburg .....	....	.....	Asst, Surg. 3d Bat. Art.	
Junghanns, L. H.	28	Munich, Wurtzburg, &c.	1856	Asst. at Lunatic Asylum, Flatbush, 1 year, &c. ....	.....	
Jules Debreuil	36	.....	...	Externe and interne of Paris Hosp'ls.	.....	

Kelsey, Dana E.	26	Albany Medical College.	1857	Attending Hosp. New York and London	Asst. Surg. 64th reg't.
Kinnier, James	55	University Glasgow	1822	Passed by Royal Coll. Phy., London; competent for British service. ....	.....
Kittinger, Martin S.	34	College Phys. and Surgeons.	1853	In private practice.	Surg. 100th regiment.
Kneeland, Jonathan.	49	Licensed by Onon. Co. Med. So.	....	In general practice.	Volunteer Surg.
Knight, William W.	28	Berkshire Medical College	1855	Surg, Austrian army 4½ years; in prac- tice 8 years	Asst. Surg. 19th reg't now 3d artillery.
Koehler, Augustus.	37	Wurzburg, Prague. ....	....	In practice—chiefly surgical .....	.....
Leach, George H.	39	Castleton, Vermont.	1846	.....	Surg. 57th regiment ..
Legler, Henry T.	40	Leipsic, Germany.	1844	.....	Asst. Surg. 8th reg't..
Lewis, John D.	32	Albany Medical College.	1854	4 mo. Albany Hosp.; 3 mo. Buffalo Hos.	Asst. Surg. 85th reg't.
Little, David	27	College Phys. and Surgeons.	1858	Asst. and House Phy. Bellevue, 18 mo.	Surg. 13th regiment...
Little, William B.	39	Bowdoin College, Maine.	1860	.....	Surg. 32d regiment ...
Lyman, William C.	25	Berkshire Medical College.	1859	.....	Asst. Surg. U. S. navy
Lynch, Edmund	24	Long Island Hospital	1860	Asst. at Long Island Hosp. 1 year....	Asst. Surg. 6th reg't..
Lovejoy, George W.	24	College Phys. and Surgeons.	1859	Surgeon Eastern Dispensary 18 mos...	Asst. Surg. 4th reg't..
Major, Adolph.	40	University Heidelberg	1843	Military service in 1848, '49, in Ger- many; in practice 12 years	Surg. 4th cavalry.....
Mansfield, Wm. Q.	42	Buffalo University	1847	In general practice	Asst. Surg. 92d reg't..
Marguerat, E.	32	New York University.	1859	.....	.....
Martin, B. Ellis.	23	College Phys. and Surgeons.	1861	.....	Asst. Surg. 5th reg't..
Martindale, Frank E.	30	Albany Medical College.	1852	Dep. Health officer at Quarantine 2 yrs.	.....
Marvin, L. J.	55	Fairfield Medical College	1827	.....	Surg. 97th regiment....
Mattimore, Frank J.	27	Albany Medical College.	1860	Asst. 1 yr at Albany Co. Hosp. Asylum	.....
May, Henry C.	30	Michigan University	1856	In practice 5½ years	Surg. 5th regiment....
McDermott, Wm. J.	30	New York University ...	1853	Surg. 3 mos. 6th regiment N. Y. S. M.; attended Hosp. New York and Paris	Surg. 66th regiment....
McDonnell, Edward.	39	{ College Surgeons, London	1842	{	Asst Surg. 1st Artil....
McKay, Lawrence	31	{ College Physicians, London...	1845	{	Surg. 6th reg't cavalry
McLean, Le Roy.	30	Buffalo Univ. Med. College.	1850	In practice 6 years. ....	.....
McNair, James	45	Albany Medical College.	1855	1 year Asst. House Physician Albany Hosp.; 4 years Marshall Infirmary..	Asst. Surg. 2d reg't...
McNulty, John.	36	Lond. Coll. Phys. and Surgeons.	1839	In priv. practice 11 yrs; in Ireland 10 yr	Surg. 15th regiment...
McNutt, Hiram	41	New York University.	1853	.....	Surg. 37th regiment ..
Mercer, John T.	32	New Hamp. Medical Institute.	1845	In practice 16 years .....	.....
Merrill, Andrew	35	.....	1855	.....	.....
Metcalfe, George W.	24	Geneva Medical College	1850	.....	Asst. Surg. 61st reg't.
Morris, Robert.	45	New York University	1857	In private practice	Asst. Surg. 76th reg't.
Moseley, Nathaniel R.	35	Albany Medical College	1846	In private practice 15 years	Surg. 91st regiment...
		University of Pennsylvania.	1847	2 years in charge Med. Dept. Blockley Hospital, &c.	Surg. 36th regiment....

Resigned.

Resigned.

Promoted to Surgeon.

Promoted to Brig. Sur.

Resigned.

Promoted to Brig. Sur.

SURGEONS.—Continued.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Moses, Israel.....	37	College Phys. and Surgeons....	1845	Surgeon in U. S. A. 1846 to 1855; 1 year in Paris Hosp.....	.....	Lieut. Col. 72d reg't.
Mucke, Franz.....	28	Greifswald, Prussia.....	1856	4 years Assistant Surgeon in Hospital.	Asst. Surg. 58th reg't.	Promoted to Surgeon.
Mudie, Arehibald F.	25	College Phys. and Surgeons....	1860	.....	Asst. Surg. 15th reg't.	Resigned.
Mulford, Sylvanus S.	31	College Phys. and Surgeons....	1855	.....	Asst. Surg. 35th reg't.	Promoted to Surgeon.
Murdock, James B.....	31	College Phys. and Surgeons....	1854	House Surg. at Bellevue 2½ yrs; Surg. on steamer.....	Surg. 24th regiment ..	
Nelson, Judson C.	36	Geneva Medical College.....	1845	In practice 18 years.....	Surg. 76th regiment....	
Newhaus, Charles Ed.....	41	Berlin.....	1846	Asst. Surg. Prussian army; visited 4 years Hosp. Berlin, Germany.....	Surg. 29th regiment....	
Nordquist, Charles J.	39	New York University	1854	4 years in Hosp. of Europe; 7 years in practice.....	Surg. 83d regiment ...	
Oliver, George H.....	29	Harvard University.....	....	.....	.....	
O'Meagher, William	29	New York University	1857	2 years St. Vincent Hospital.....	Asst. Surg. 37th reg't.	Promoted to surgeon.
Palmer, John M.	40	Licensed by County Med. Soc..	1844	In private practice.....	.....	
Palmer, William H.	31	New York University	1858	.....	Surg. 3d reg't cavalry.	
Parsons, William W. D....	29	New York Medical College	1853	In private practice.....	.....	
Pease, Philo C.....	26	Long Island Hospital.....	1860	Resident Surg. at Long Island 1 year.	Surg. 6th regiment....	
Pease, Roger W.....	34	Geneva Medical College.....	1847	Baltimore Infirmary 7 years 3 months.	Surg. 12th regiment....	Resigned—app. Surg. 10th reg't cavalry.
Perkins, E. T.....	34	College Phys. and Surgeons....	1856	Surg. Atlantic and Isthmus steamers.	.....	
Perry, John L.....	46	Vermont Medical College.....	....	In general practice 25 years.....	Surg. 77th regiment ..	Resigned.
Petherbridge, John D....	34	University of Pennsylvania....	1847	.....	Surg. 65th regiment ..	
Phillips, Henry John.....	31	{ College Surgeons, London	1849	{ On Med. staff thro' Crimean war, '54	Surg. 53d regiment....	{ Reg. dis'd., app. surgeon 102, and res'd.
Plumb, S. Hiram.....	42	{ St. Andrews, Scotland	1857	{ In private practice.....	Asst. Surg. 24th reg't.	
Potter, Hazard A.....	48	Licensed by Way. Co. Med. So.	1844	Visited Mass. and Philadelphia Hosp.	Surg. 50th regiment....	
Powers, Cyrus.....	44	Bowdoin College, Maine.....	1835	Attending Hosp. Buffalo and New York;		
		Geneva Medical College	1845	In private practice.....	Asst. Surg. 75th reg't.	
Reissberg, Henry W.....	27	New York Medical College	1860	Visited Hosp. in England and America 7 years	Asst. Surg. 68th reg't.	
Reuss, P. Jos.....	36	.....	1850	.....	.....	
Reynolds, Francis	30	Dublin	1849	Late Asst. Surgeon British army, in Crimea	Surg. 88th regiment....	Promoted Sur. 63 reg.
Reynolds, Lawrence.....	....	.....	....	.....	Asst. Surg. 24th reg't.	

Rice, Nathan P.....	31	Harvard Univ. Med. Dept.....	1852	3 years visited Hosp. of Europe; House Surg. Mass. General Hospital	Surg. 18th regiment...
Rice, Pitkin B.....	...	Harvard Univ. Med. Dept.....	1853	Been Surg. 28th regiment 3 mo's Vol .	.....
Rice, William H.....	40	College Phys. and Surgeons....	1850	Hosp. practice 18 mo.; priv. prac. 11 yrs	Surg. 81st regiment...
*Ruggles, Eli Samuel	32	Edinburgh	1861	.....	Deceased.
Sabin, S. A.	31	University of Michigan	1857	1 year Hospital in Detroit .....	.....
Sass, Louis.....	35	Copenhagen	1847	.....	.....
Schenck, Otto.....	35	Giesse	1848	Visited for 3 years Hospital of Glasgow	Asst. Surg. 46th reg't.
Sheldon, Andrew F.....	31	New York University	1852	.....	As. Surg. 2d reg't cav.
Sherman, Socrates N.....	59	Middlebury College, Vermont..	1824	In active practice 37 years; Member of Congress	Surg. 34th regiment...
Shipman Azriah B.....	55	{ Castleton, Vermont	1836	Prof. Surgery Indiana Med. College 8	{ Pro. to Surg. 12th re;
Shultz, Louis.....	38	{ Jefferson Medical College.....	1842	years.....	{ promo. to Brig. Surg.
Shulze, Augustus.....	...	Burlington	1846	Asst. Prof. Surg. N. Y. Med. Coll. '61	.....
Simon, John.....	32	St. Louis	1860	Asst. Surg. Sisters' Charity Hospital, St. Louis .....	.....
Sloat, Spencer S.	33	Göttingen, Hanover.....	1857	.....	.....
Smith, Andrew H.....	24	College Phys. and Surgeons....	1849	.....	Surg. 95th regiment...
Smith, Joseph T.....	36	College Phys. and Surgeons....	1858	.....	Asst. Surg. 43d reg't..
Smith, J. Paschal	28	Jefferson Medical College	1854	In private practice.....	.....
Smith, Stowbridge	33	New York University	1858	Surg. 69th militia regiment; served on Blackwell's Island Hospital staff....	Surg. 69th regiment...
Smith, William A.....	41	New York Medical College	1851	House Surg. at Ward's Island; State Emigrant office 1853 to 1855	Surg. 93d regiment ...
Smith, William M.....	36	Geneva Medical College.....	1847	In practice 15 years.....	Asst. Surg. 89th reg't.
Snow, Asa B.	52	Castleton, Vermont.....	1840	In practice except two winters.....	Surg. 85th regiment ..
Spencer, Henry T.....	34	Fairfield Medical Col. N. Y.....	1832	In private practice	Surg. 61st regiment...
Spencer, T. Rush.....	43	Albany Medical College.....	1852	1 year Hosp. in Albany; 2 years Alms House .....	.....
Squire, Truman H.....	38	University of Pennsylvania....	1840	Resident Phy. at Blockley Hosp.; 1 year Prof. Geneva Medical College .	Surg. 33d regiment....
Staehle, Francis R.....	33	College Phys. and Surgeons....	1849	.....	Surg. 89th regiment...
Stearns, Charles W.....	42	Bern, Switzerland	1858	.....	Asst. Surg. 7th reg't.,
Stebbins, Roderick.....	44	University Pennsylvania.....	1840	Served Mass. Gen'l Hosp.; commis- sioned Medical staff 1841	Surg. 3d regiment
Steele, Aaron J.....	24	Berkshire Medical College.....	1842	In private practice.....	.....
Stein, L.....	50	Jefferson Medical College.....	1859	Res. Physician Buffalo Hospital; Dem. of Anatomy Buffalo Med. Coll. 14 m's	Asst. Surg. 26th reg't.
Steinach, Aderrick.....	33	{ Tubingen	1831	.....	.....
		{ Wurzburg	1833	.....	.....
		St. Gall	1854	Att. Hosp., Paris; in practice in N. J.	.....

Discharged; app. Surg.
Serrell's Engr. reg't.

Promoted to Brig. Surg.

Promoted surg. 94th.

Dis'd, asst. surg. 78th.

SURGEONS.—Continued.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Stephenson, Mark	47	College Phys. and Surgeons....	1826	2 yrs New York Hosp.; 8 yrs New York Dispensary; 9 yrs Ophthalmic Hosp.	 Asst. Surg. U. S. army	
Sternberg, George M.	23	College Phys. and Surgeons....	1860	In active practice.....	Surg. 52d regiment....	
Sticbeling, George C.	30	Giessen and Marburg.....	1854	In practice 6½ years.....	.....	
Stow, T. Dwight.....	32	Cleveland College, Ohio.....	1854	In active practice.....	.....	
Strong, Thomas D.....	39	Buffalo University.....	1851	.....	.....	
Stuart, James C.	48	Berkshire Medical College.....	1835	Hospital practice Boston and N. York.	Surg. 17th regiment ..	
Terry, W. F.....	27	New York University .....	....	Hosp. practice 15 mos; general practice 3 years.....	.....	
Thompson, J. Harny.....	....	.....	....	.....	Surg. 40th regiment ..	Res; app. Sur. 43d reg; pro. Brig Surg., dis'd
Tice, Lewis.....	34	New York University	1851	.....	Asst. Surg. 17th reg't.	
Tingley, William H.	37	Jefferson Medical College.....	1846	.....	Asst. Surg. U. S. army	
Torrey, Charles W.	25	University of Wurzburg.....	1858	.....	Asst. Surg. 51st reg't .	Dismissed the service.
Totten, Gilbert T.	21	College Phys. and Surgeons....	1861	.....	Asst. Surg. 32d reg't..	
Townsend, Morris W.	34	Jefferson Medical College.....	1853	.....	Surg. 47th regiment....	
Trenor, Eustace	27	College Phys. and Surgeons....	1856	Served 2 mos as Sub. in N. York Hosp.	.....	
Van Beust, Bernard.....	30	Leipsic .....	....	.....	.....	
Vanderkief, B. A. ....	....	.....	....	.....	.....	
Vaudrey, E.....	54	Medical School Paris.....	1836	.....	Asst. Surg. 53d reg't..	Disb'd, surg. 102d reg.
Van Etten, Solomon	31	Albany Medical College	1855	Surg. to poor in Paris from 1836 to '52	Surg. Enfant Perdue..	
Van Ingen, James L.	43	College Phys. and Surgeons....	1843	In active practice	Surg. 56th regiment....	Resig'd; app. Surg. 5th reg't; subseq'y dis'd.
Van Slyke, David B.....	33	Buffalo Medical College	1852	In practice 9 years.....	Asst. Surg. 101st reg't	
Van Slyke, Dewitt C.....	40	Geneva Medical College	1850	In active practice.....	Surg. 35th regiment....	
Walker, Edward S.....	37	New York University	1849	In active practice	Asst. Surg. 34th reg't.	
Wainwright, D. Wadsworth	27	College Phys. and Surgeons....	1854	In active practice.....	Surg. 4th regiment....	
† Weed, Hiland A.	27	New York University	1857	In active practice.....	Asst. Surg. 17th reg't.	Pro. to Surg. 25th reg.
Welcker, Rudolph	40	University Germany	1845	1st Asst. Surg. of University Hospital.	Surg. 8th regiment ...	Promoted to Brig. Surg.
Welles, Samuel R.....	36	Buffalo Medical College	1848	In private practice	Surg. 61st regiment....	
Whedon, George D.....	29	Albany Medical College.....	....	.....	Asst. Surg. 10th regt cav	
White, John P. P.....	23	College Phys. and Surgeons ...	1861	Asst. Surgeon Bellevue Hosp	Asst. Surg. 9th reg't..	Promoted to surg. 10th
White, Whitman V.....	27	{ Berkshire Medical College.... New York Medical College....	1857 1858	{ 1 yr in Blackwell's Is. Hosp.; in prac.	Surg. 47th regiment....	Resigned.

Wieber, George.....	36	Stud in Halle, Wurtzb'g Giessen	1857	Served in Prussian army.....	First Battalion artillery
Wilcox, Charles H.....	...	.....	....	.....	Surg. 21st regiment...
Wilson, James.....	25	Dublin	1855	In practice 6 years.....	Surg. 99th regiment...
Winne, Charles K.....	23	Jefferson Medical College.....	1854	Surg. in Buffalo Hosp. Sisters of Charity	Asst. Surg. U. S. army
Wolf, Frederick	33	Prague, Austria	1853	.....	Surg. 39th regiment...
Wood, Charles S.....	35	Jefferson Medical College.....	1851	.....	Asst. Surg. 66th reg't.
Wood, Lucian P.	31	Berkshire Medical College.....	1854	3 years asst. State Lunatic Asylum,	Asst. Surg. 5th regt. cav
Wright, F. Markoe.....	32	Coll. Physicians and Surgeons..	1854	and private practice	Asst. Surg. Col. Dodge
Wunderlick, Gerald.....	56	.....	1828	Practiced in Hosp. at Wurtzburg 26 yrs	mounted rifles.
Wylie, Farand.....	42	Geneva Medical College	1847	.....	.....
Young, Oscar H.	25	Albany Medical College.....	1858	House Surg. and Phy. at Albany Hosp.	Asst. Surg. 86th reg't.

† Wounded at Hanover C. H. battlo.

Examined by the Medical Board at Albany, and passed as ASSISTANT SURGEONS New York State Volunteers, 1861.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Allen, Isaac B.	47	.....	....	.....	.....	.....
Allingham, James J. ...	25	College Phys. and Surgeons	1859	.....	.....	.....
Avery, George W.	34	Albany Medical College	1850	Asst. Surg. Rochester Hospital; practised in Rochester	Ass't. Surg. 13th reg't "Rochester reg't."	.....
Ayme, H.	43	University of Pennsylvania .....	....	12 years in practice .....	.....	.....
Bacon, James G.	21	Albany Medical College	1860	.....	.....	.....
Baleh, Galusha B.	22	College Phys. and Surgeons	1860	In N. Y. and Bellevue Hospital	Ass't Surg. 98th reg't.	.....
Barron, John C.	23	College Phys. and Surgeons	1861	.....	.....	.....
Bates, Newton L.	24	Jefferson Medical College	1861	7 months in Buffalo Hospital; resident physician Erie Co. Hospital .....	.....	.....
Bayles, George	25	College Phys. and Surgeons	1859	.....	Ass't Surg. U. S. N.	.....
Beardsley, Grove S.	23	New York University	1859	House Asst. Surgeon at Bellevue for a few weeks	Ass't Surg. Col. Doubleday's artillery.	.....
Benedict, A. C.	24	Yale Medical College	1860	In private practice	Ass't Surg. U. S. N.	.....
Bennett, George C. ...	34	Cleveland Medical College	1851	.....	.....	.....
Blauvelt, J. F.	38	College Phys. and Surgeons	1851	.....	Ass't Sur. 9th reg. cav.	Resigned.
Bogert, E. S.	25	New York University	1860	In Bellevue Hospital	Ass't Surg. 5th art'y.	.....
Bogert, R. D.	22	College Phys. and Surgeons	1861	.....	.....	.....
Bradford, Theron	36	Indiana Medical College	1858	.....	.....	.....
Brown, D. M.	23	Cleveland Medical College	1860	.....	.....	.....
Brown, Spencer H.	30	New York University	1857	.....	Asst Sur. 2d reg. artil.	Resigned, app. ass't surgeon U. S. Navy.
Brown, Edward A. ....	....	.....	....	.....	.....	.....
Braun, Martin	42	Mennsingen, Bavaria	1849	.....	Ass't Surg. 31st reg't.	.....
Bryce, William M.	26	College Phys. and Surgeons	1861	.....	.....	.....
Burbeck, Charles H. ..	24	Albany Medical College	1859	In Albany Hospital 10 months .....	.....	.....
Burdett, Abram S.	31	College Phys. and Surgeons	1852	In private prac. 7 yrs.; 3 yrs. Hosp. prac.	.....	.....
Burdick, J. T.	30	Worcester, Mass	1853	In private practice .....	.....	.....
Caccam, Joseph	36	.....	1853	.....	.....	.....
Cate, H. J.	37	Woodstock	1848	One year in Pennsylvania Hospital .....	.....	.....
Carroll, O. A.	34	Castleton, Vermont	1855	.....	Ass't Surg. 56th reg't.	.....
Clark, Augustus P. ...	28	Harvard Univ. Med. Col.	1861	.....	Ass't Sur. 6th reg. cav.	.....
Chambers, Wm. B. ...	25	Albany Medical College	1858	In private practice	Ass't Surg. 60th reg't.	.....
Chase, Nathan B.	47	Woodstock	1837	.....	.....	.....

Cochrane, A. H.	27	Albany Medical College.	1857	.....	.....	Promoted to Surgeon.
Cooper, John.	26	University of Pennsylvania.	1857	Spent 2 years in Hospital of Paris	.....	
Cooper, John R.	34	College Phys. and Surgeons. ....	....	In Dutchess Co. Hospital 7 or 8 years	Ass't Surg. 5th reg. cav.	
Cornish, Aaron.	30	Castleton, Vermont.	1854	.....	Ass't Surg. 97th reg't.	
Cutler, G. R.	21	College Phys. and Surgeons.	1860	In N. Y. Hospital on surgical side	.....	
Dean, Henry C.	23	Harvard Univ. Med. College.	1861	.....	Ass't Surg. 57th reg't.	
Dewey, David B.	27	New York University.	1858	.....	Ass't Surg. 84th reg't.	
Dwinelle, Justin.	39	Jefferson Medical College.	1846	In private practice 16 years	Ass't Surgeon Baker's California regiment.	
Dodge, John L.	36	New York University.	1845	6 months drug store; 6 months ship surg.; 6 months camp Cal.	Ass't Surg. 51st. reg't.	Promoted to Surgeon.
Doolittle, Frank W.	24	College Phys. and Surgeons.	1860	Resident Surg. at Jews' Hospital; Resident Physician at Child's Hospital.	Ass't Surg. 10th reg't.	
Douglas, George C.	27	Albany Medical College.	1857	In private practice. ....	.....	
Downing, J. C. C.	23	Pennsylvania Medical College.	1859	2 yrs. Surg. emigrant packet ship.	Ass't Surg. U. S. A.	
Duane, Henry. ....	....	Albany Medical College.	1861	.....	.....	
Edmenston, Alex'r A.	31	Albany Medical College.	1853	Visited New York Hosp. in 1857 and 1858.	Ass't Surg. 18th reg't.	
Elliott, Samuel R.	25	New York Medical College.	1856	Externe Hospitals, Paris, 1860, &c. ....	.....	
Eltling, V. V.	33	Berkshire Medical College.	1851	Practiced 5 yrs. in Greene Co., balance in Hospital. ....	.....	
Feldbausch, Philip.	29	Wurzburg. ....	....	Visited Hospital Wurzburg, Munich, Ber- lin, Paris, &c.	Ass't Surg. 45th reg't.	
Forrester, James Jr., ..	26	College Phys. and Surgeons.	1858	Phys Northern Dispensary, New York. ....	.....	
Fossard, George H.	23	Albany Medical College.	1859	In private practice 3 years.	Ass't Surg. 42d reg't. ..	
Fuller, Winfield S.	23	College Phys. and Surgeons.	1861	.....	Ass't Sur. 8th reg. cav.	
Franklin, Morris J.	30	New York University.	1858	Visitor at Bellev. and N. Y. Hosp. 3 years.	Ass't Sur. 4th reg. cav.	
French, Seth.	37	Castleton, Vermont.	1847	In priv. prac.; in Hosp. Sacramento City.	Ass't Surg. 35th reg't.	
Gale, James L.	33	Castleton, Vermont.	1853	In priv. practice 9 years.	Surgeon 60th regiment	
Gessner, Brower.	26	University of Pennsylvania.	1856	Served one year in South Carolina.	Ass't Surg. 38th reg't.	
Gilligan, Michael G.	39	New York Medical College.	1851	In priv. prac.; atten'd Hos. Dublin & N. Y.	Ass't Surg. 63d reg't. ..	Dismissed.
Goodrich, B. F.	21	Cleveland Medical College.	1861	.....	.....	
Gradendorff, Herman. ..	37	New York Medical College.	1854	In private practice. ....	.....	
Grimes, F. S.	27	Berkshire Medical College.	1858	.....	.....	
Griswold, Stephen.	33	New York University.	1850	Assist. Ward's Island Hosp. one year.	Ass't Surg. 38th reg't.	Taken pris. at Bull Run Died at Charleston, typ'd fev. Nov. 1861.
Hadden, James.	29	New York Medical College.	1861	.....	.....	
Hall, William H. ....	....	.....	....	.....	Ass't Surg. 36th reg't.	
Haynes, Jonathan K.	36	Albany Medical College.	1856	.....	.....	
Hewett, Charles N.	25	Albany Medical College.	1857	In private practice.	Ass't Surg. 50th reg't.	
Holden, Austin W.	41	Albany Medical College.	1847	In private practice.	Capt. 22d regiment.	
Hoyt, H.	61	Dartmouth Medical College.	1825	In private practice. ....	.....	

ASSISTANT SURGEONS.—Continued.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Humphries, Patrick H.	26	New York University	1861	Attending physician in Williamsburg Disp.	Ass't Surg. 48th reg't.	
Ingerson, H. H.	27	.....	1860	In general practice	.....	
Isbam, Nelson	50	Yale College Med. Dept.	1828	Phys. Herkimer Co. poor house 6 years.	.....	
Jackh, Gottlieb	30	Basle	1854	Attended Hospital at Basle, &c.	Ass't Surg. 7th reg't.	Resigned.
Johnson, William E.	28	Albany Medical College	1859	In private practice	.....	
Kayner, D. S.	36	Castleton, Vermont	1849	In private practice	.....	
Kidder, Walter	38	Berkshire Medical College	1845	In private practice	.....	
Kilmer, Washington	23	Albany Medical College	1860	1 yr. as Ass't at Alms House Hospital.	.....	
Kinne, William B.	46	Berkshire Medical College	1835	In general practice	Ass't Surg. 90th reg't.	Resigned.
Kipp, Charles J.	23	College Phys. and Surgeons	1861	Ass't Surg. 5th Reg. N. Y. S. M. 3 mos.	Assistant Surg. 3d bat-talion.	Resigned.
Kraeuten, John	28	Marburg, Wurzburg and Vienna	1860	.....	.....	
Lakeman, William H.	25	St. Thomas Med. and Surgical College, London	1857	Hospital steward	13th regiment	
Landon, Douglass S.	35	.....	.....	.....	Ass't Surg. 104th reg't	
Lawyer, Thomas	30	Albany Medical College	1851	In private practice	Ass't Surg. 43d reg't.	
Leighton, Nathan'1 W.	28	New York Medical College	1858	One year Kings Co. Hospital.	Ass't Surg. 72d reg't.	
Lewis, John B.	29	New York University	1853	In private practice	.....	
Little, George W.	25	Albany Medical College	1858	6 months Albany City Hospital.	.....	
Long, Alfred J.	36	New York University	1853	In private practice 8 years.	.....	
Maekay, David	26	Glasgow, Scotland	1856	.....	.....	
Madill, William A.	27	Albany Medical College	1858	Ass. Surg. Pennsylvania Hospital 6 months, Physician and Surgeon Alms House.	Ass't Surg. 23d reg't.	
Mann, William B.	23	Buffalo University	1861	.....	.....	
Marshall, Benjamin	30	College Phys. and Surgeons	1852	N. Y. Disp. 4 years; N. Y. Eye and Ear Infirmary 2 years.	.....	
Marshall, E. G.	23	College Phys. and Surgeons	1861	Assistant Physician Randall's Island Hosp.	.....	
Macfarlane, Carrington	25	College Phys. and Surgeons	1861	Hospital	Ass't Surg. 81st reg't.	
McAllister, Thomas	33	College Phys. and Surgeons	1853	N. Y. City and Bellevue Hospital	.....	
McLellan, F. M.	41	Harvard University	1822	In private practice 13 years	Ass't Surg. Mar. Artil.	Promoted to Surgeon.
McGowan, John J.	40	Harvard University	1847	In private practice	.....	
McKim, Robert V.	21	New York Medical College	1861	.....	Ass't Surg. 57th reg't.	Promoted to Surgeon.
McKee, J. G.	.....	.....	.....	.....	.....	
Mead, Martin L.	27	Albany Medical College	1859	Albany Hospital	.....	
Michel, Louis	34	New York Medical College	1857	In private practice	.....	

Miller, Adam.....	42	Geneva Medical College.....	1844	.....	.....	.....	.....
Moore, J. W.....	23	Castleton, Vermont.....	1858	.....	.....	.....	.....
Moore, John H.....	33	New York University.....	1857	.....	.....	Ass't Surg. 16th reg't.	.....
Morse, Burnett W.....	23	College Phys. and Surgeons.....	1860	.....	.....	Ass't Surg. 27th reg't.	.....
Mudge, Charles.....	29	College Phys. and Surgeons.....	1854	.....	.....	Ass't Surg. Engineer & Artisans regiment.	.....
Mullen, Isaac V.....	34	.....	1851	.....	.....	.....	Resigned.
Murphy, Daniel H.....	27	Buffalo Medical College.....	1856	.....	.....	Ass't Surg. 25th reg't.	.....
Murray, William D. . .	27	National Coll. Wash., D. C.....	.....	.....	.....	Ass't Surg. 100th reg't	.....
Myers, John T.....	23	Albany Medical College.....	1859	.....	.....	Ass't Surg. 91st reg't.	.....
Neely, Nelson.....	27	Albany Medical College.....	1854	.....	.....	.....	.....
Norris, Thomas P.....	33	New York University.....	1853	.....	.....	.....	.....
O'Leary, Cornelius B..	22	Albany Medical College.....	1860	.....	.....	.....	.....
O'Neil, James C.....	29	New York University.....	1857	.....	.....	Ass't Surg. 25th reg't.	Resigned.
Osborne, Charles H.....	24	College Phys. and Surgeons.....	1858	.....	.....	Ass't Surg. 25th reg't.	.....
Paine, Rob't Treat, Jr.	25	New York University.....	1861	.....	.....	Ass't Surg. 29th reg't.	Resigned.
Perry, Frederick H. . .	30	New York University.....	1856	.....	.....	Ass't Surg. 28th reg't.	.....
Peters, Joseph A.....	21	Buffalo Medical College.....	1861	.....	.....	.....	.....
Pettier, Pierre D.....	26	Buffalo Medical College.....	1859	.....	.....	Ass't Surg. 21st reg't.	.....
Phillips, James S.....	37	New York University.....	1855	.....	.....	.....	.....
Phillips, John P.....	27	New York Medical College . . .	1859	.....	.....	Ass't Surg. 37th reg't.	.....
Pitts, James.....	23	Cincinnati Medical College . . .	1849	.....	.....	.....	.....
Potter, William W.....	25	Buffalo Medical College.....	1857	.....	.....	Ass't Surg. 49th reg't.	.....
Powell, Richard.....	23	Royal College Surg., Ireland..	1861	.....	.....	Ass't Surg. 88th reg't.	.....
Priestly, John.....	40	Glasgow, Scotland.....	1848	.....	.....	.....	.....
Prentice, Fowler.....	22	Long Island Hospital.....	1860	.....	.....	Ass't Surg. 30th reg't.	Prom. to Sur. 73d reg.
Quackenboss, E. M. . .	25	New York University.....	1859	.....	.....	.....	.....
Racfe, M. G.....	27	St. Louis.....	1861	.....	.....	.....	Resigned.
Radginsky, Louis D....	26	New York University.....	1859	.....	.....	Ass't Surg. 36th reg't.	.....
Ramsay, George M. . .	37	Jefferson Medical College.....	1852	.....	.....	Ass't Surg. 95th reg't.	.....
Rappold, Julius C.....	25	New York University.....	1861	.....	.....	Ass't Surg. 52d reg't..	.....
Reed, James A.	38	New York University.....	1848	.....	.....	Ass't Surg. 69th reg't.	.....
Regan, Matthew F.....	27	College Phys. and Surgeons.....	1856	.....	.....	Ass't Surg. 28th reg't.	Discharged.
Robinson, Joseph W..	24	Buffalo Medical College.....	1860	.....	.....	Ass't Surg. 82d reg't..	.....
Rogers, J. H.....	32	Jefferson Medical College.....	1855	.....	.....	.....	.....
Root, Henry.....	26	New York University.....	1859	.....	.....	Ass't Surg. 54th reg't.	.....
Ruggles, Augustus D..	27	College Phys. and Surgeons.....	1860	.....	.....	Ass't Surg. 63d reg't..	.....
Rulison, William H. . .	39	Albany Medical College.....	1855	.....	.....	Ass't Surg. 15th reg't.	.....
Sattler, Cornelius.....	30	Wurzburg.....	.....	.....	.....	.....	.....
Schwarzenberg, George	30	Giessen.....	1852	.....	.....	.....	.....
Schoon, James H.	36	Albany Medical College.....	1849	.....	.....	In private practice	.....

ASSISTANT SURGEONS.—Continued.

NAME.	Age.	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Sweeney, James	25	Albany Medical College	1860	Albany City Hospital 1 term.	Captain 96th regiment.	
Severin, A.	30	Hamburg	....	2 years practice in Hamburg; 5 in N. Y.	....	
Shanahan, David Reid	39	College Surgeons, England.	1846	Attended St. Vincent's Hospital	Surg. 63d reg't.	Dismissed.
Skilton, Julius A.	28	Albany Medical College	1855	In private practice	Ass't Surg. 30th reg't.	Prom. to Sur. 87th reg.
Smith, J. E.	30	College Phys. and Surgeons	1854	2 years charge Wayne Co. Hospital.	....	
Smith, Joseph H.	39	Albany Medical College	1846	....	....	
Spaulding, Elbridge G.	26	College Phys. and Surgeons	1860	....	Ass't Surg. 94th reg't.	
Spencer, John	38	Cleveland Medical College	1842	Marine Hospital at Cleveland 3 years.	Surgeon 9th cavalry	
Sprague, H. M.	25	New York University	1860	One year New York City Hospital	....	
Steiger, Joseph	28	Wurzburg	....	Hospital practice Vienna and Prague, 1854-1859.	....	
Stein, Charles	38	Eslangen	....	....	Ass't Surg. 58th reg't.	
Steinert, George	29	New York University	....	....	....	
Stevens, George T.	28	Castleton, Vermont	1857	....	Ass't Surg. 77th reg't.	
Streeter, Buel G.	29	Castleton, Vermont	1853	....	....	
Tanner, William H.	24	Vermont Medical College	1860	In private practice	Ass't Surg. 47th reg't.	
Thomain, Robert	36	Switzerland	....	Practiced in Hospital of Paris	Ass't Surg. 41st reg't.	
Tissot, Max	29	Bern, Switzerland	1860	....	....	
Todd, George B.	30	Albany Medical College	1856	1½ years at Mobile Hospital, Alabama.	Ass't Surg. 12th reg't.	
Tompkins, Hartwell C.	33	Woodstock	1853	....	Ass't Surg. 61st reg't.	
Town, Francis L.	25	Hanover School, N. H.	1859	8 mo's Island Hospital; 6 mo's New York Hospital	Ass't Surg. U. S. A.	
Trenor, John, Jr.	30	College Phys. and Surgeons	1856	....	....	
Tuthill, Robert K.	26	New York Medical College	1859	....	Ass't Surg. 80th reg't.	
Uhline, Stephen P.	37	Castleton, Vermont	1851	....	Ass't Surg. 59th reg't.	
Utter, A.	42	College Phys. and Surgeons	1847	....	....	
Valentine, S. B.	29	Albany Medical College	1855	In active practice	....	
Van Rensselaer, J. J.	25	Albany Medical College	1859	Assistant at Albany Hospital one year	Ass't Surg. 3d reg't.	
Van Steenberg, Wm.	29	University of Vermont	1856	In private practice	Ass't Surg. 1st reg't.	
Van Vleck, D. P.	40	Albany Medical College	1842	In private practice	....	
Van Vorst, G. W.	24	College Phys. and Surgeons	1861	....	....	
Vaughan, C. H.	30	Albany Medical College	1855	In practice 6 years	Ass't Surg. 96th reg't.	
Vosburgh, Benj. F.	25	Albany Medical College	1858	In practice 3 years	....	
Wallace, Theodore C.	32	Geneva Medical College	1850	In practice 7 years; ship surgeon 2 years	Ass't Surg. 93d reg't.	
Welch, Abraham	33	University Pennsylvania	1853	....	....	

Werner, Edward.....	36	Wurzburg.....	1850	In private practice.....	.....
West, Joseph E.....	33	College Phys. and Surgeons....	1852	Charge of hospital 16 months at Utica.....	Ass't Surg. 14th reg't.
Whiton, H. B.....	34	Albany Medical College.....	1854	In private practice.....	Ass't Surg. 2d reg't...
Whitehead, Ira C.....	27	Berkshire Medical College.....	1855	.....	.....
Whitford, Alfred H. . .	33	University Maryland.....	1856	In private practice 6 years.....	Ass't Surg. 99th reg't, "Union Coast G'd."
Williams, Alfred A. C.	26	Berkshire Medical College.....	1857	Assist. Surgeon 1st Maine Militia 3 months Regiment; ship surgeon.....	Ass't Sur. 1st reg. artil Ass't Sur. 2d reg. artil.
Wisen, William H.....	51	Fairfield Medical College.....	1831	.....	Prisoner.

Several of the Regiments were independent in their organizations, and were at once accepted for service by the General Government. The Surgeons were appointed by their Colonels, without an examination before the Medical Board. Already in the service of the government it was not easy to recall them for the examination, and they were subsequently commissioned by the State, as follows:

SURGEONS.

NAME.	Age	Where graduated.	Year.	What service since graduation.	Where appointed.	What changes.
Barr, George W.....					Surgeon 64th regiment.....	Resigned.
Bostwick, Henry P....					Surgeon 73d regiment... ..	
Elliott, Frederick....					Surgeon 1st Cavalry.....	
Gray, Charles.....					Surgeon 11th regiment.....	
Hindman, Richard H..					Surgeon 67th regiment.....	
Lewis, William C....					Surgeon 82d regiment.....	
Loughran, Robert....					Surgeon 80th regiment.....	
McDonald, James E....					Surgeon 79th regiment.....	
Osborne, John Q.....					Surgeon 42d regiment.....	
Petard, Felix.....					Surgeon 55th regiment.....	
Powell, Alfred.....					Surgeon 82d regiment.....	Prisoner at Bull Run.
Simpson, George B. F..					Surgeon 62d regiment.....	

ASSISTANT SURGEONS.

Adams, George.....					Assistant Surgeon 67th regiment.....	Ellsworth Fire Zouaves. [role.] Prisoner at Bull Run. (On pa- role.) Prisoner at Bull Run. (Pa- role.) "Garibaldi Guard."
Arthard, Theodore....	.....	.....	.....	.....	Assistant Surgeon 55th regiment.....	
Ash, James.....	.....	.....	.....	.....	Assistant Surgeon 71st regiment.....	
Calhoun, James T.....	.....	.....	.....	.....	Assistant Surgeon 74th regiment.....	
Fitch, James E.....	.....	.....	.....	.....	Assistant Surgeon 79th regiment.....	
Forshee, John M.....	.....	.....	.....	.....	Assistant Surgeon 11th regiment.....	
Furgeson, James F....	.....	.....	.....	.....	Assistant Surgeon 82d regiment.....	
McLetchie, Andrew....	.....	.....	.....	.....	Assistant Surgeon 79th regiment.....	
O'McDonald, Wheelan,	.....	.....	.....	.....	Assistant Surgeon 65th regiment.....	
Ribback, Rudolph....	.....	.....	.....	.....	Assistant Surgeon 39th regiment.....	
Ridgway, Frank.....	.....	.....	.....	.....	Assistant Surgeon 73d regiment.....	

As these pages are going through the press I gain the opportunity to add, that when in the month of April a great battle was anticipated at Yorktown, Virginia, where General McClellan was besieging the Confederate army, it was found that the medical and surgical force of the army was insufficient to meet the demands that such an engagement was likely to impose upon it. In order, therefore, to give immediate care to the wounded, under the authority of the Secretary of War, the governors of the several loyal States were directed to appoint a CORPS OF VOLUNTEER SURGEONS, who should respond to the call of the Governor and serve without remuneration. The following appointments have been made by the Governor of the State of New York up to this date, June 11, 1862.

LIST OF VOLUNTEER SURGEONS APPOINTED.

Name.	Residence.	Date of Commission.
James R. Wood	New York city	April 7
Alfred C. Post	do	do
Ernest Krackowizer	do	do
Stephen Smith	do	do
Charles D. Smith	do	do
George A. Peters	do	do
John O. Stone	do	do
Thaddeus M. Halstead	do	do
Willard Parker	do	do
Gurdon Buck	do	do
Lothar Voss	do	do
Thomas M. Markoe	do	do
Alden March	Albany	do
John Swinburne	do	do
Edward H. Parker	Poughkeepsie	do
Charles Winne	Buffalo	do
William Detmold	New York city	do
Mason F. Cogswell	Albany	April 16
Samuel G. Wolcott	Utica	do
Sanford B. Hunt	Buffalo	do
Lewis Post	Lodi, Seneca Co.	do
Jonathan Kneeland	South Onondaga	April 17
John J. Crane	New York city	do
George Cochrane	Brooklyn	do
E. W. Alba	Angelica, Allegany Co.	April 16
Gilson A. Dayton	Mexico, Oswego Co.	April 17
S. Oakley Vanderpoel	Albany	do
Daniel E. Kissam	Brooklyn	April 17

Names.	Residence.	Date of Commission.
Cornelius Olcott	Brooklyn	April 17
Daniel Ayres	do	do
David L. Rogers	New York city	do
William H. Thompson	do	do
Charles Skinner	Malone, Franklin Co.	April 19
F. Burdick	Johnstown, Fulton Co.	May 15
Smith Ely	Newburgh	do
James V. Kendall	Baldwinsville	May 16
John V. Lansing	Albany	May 19
Sylvester D. Willard	do	do
William S. Denniston	Newburgh	June 9
Benjamin E. Bushnell	Little Falls	June 7
W. Blaisdell	Coeymans	12
Charles H. Porter	Albany	

FORTRESS MONROE AND WHITE HOUSE HOSPITAL.

Yorktown was evacuated on the 4th of May, and the battle at Williamsburg was fought on the 5th and 6th instant.

Dr. John Swinburne of this city, and myself left under the direction of the Surgeon General for Fortress Monroe, on the 8th inst., with orders to report to the medical director, Dr. J. M. Cuyler. We rounded Old Point Comfort after a delightful sail down the Chesapeake, on Saturday morning the 10th inst. Here everything began to have the aspects of war. A large number of vessels of war and transports were lying off the Point. The guns from every point frowned from the massive walls of the Fortress. The rebel flag could be seen at Sewall's Point, and beyond nearly as far as the eye could reach lay the terror to our fleet, the iron clad Merrimac. The Monitor, its antagonist, lay at a little distance from the landing, and would scarcely have gained attention except as she was pointed out to us. On reaching the shore we were escorted to the office of the Provost Marshal, where, although we were both opposed to swearing generally, we swore allegiance to our country with unquestionable earnestness.

Immediately we went to report to Dr. Cuyler, whom we found in a ward of the hospital. He gave us a cordial reception, saying: "You are just the men we want to see, take off your coats and go directly to work here." A large room full of wounded men were before us. Three hundred had arrived the evening previous, by boat, from Williamsburg, where they were wounded on the day of the battle, and had received only field dressing. They had been brought a mile or two to the boat, some of them

having lain on the field over night, then removed from the boat, and brought to the hospital. Thus, it was four days since some of the wounds had been dressed, and the patients were suffering from exhaustion. As soon as we could procure sponges, basins, water, lint, bandages, straps, &c., we went to work, and hard work it was to bend for hours over the beds of those poor fellows. There were many cases of field amputations, and most of them were good operations. There was, however, a tendency to gangrene, and some of the wounds became fatally gangrenous. There were gunshot wounds of almost every variety, a record of which would be interesting, but there was no time for making it. Many of the patients in the ward assigned to Dr. Swinburne and myself were of the Fifth North Carolina and a Virginia regiment, together with Massachusetts, New York and Michigan regiments. In the wards of the hospital they lay side by side, as amiable towards each other as if they had never been combatants, receiving alike all that care and skill could bestow. There were in our ward seven fractured femurs, occasioned by bullets. The minie ball shatters the femur fearfully, breaking it into splinters of from one to six inches in length, the results of which are likely to prove fatal. These cases ought to be brought off from the field and to the hospital on stretchers, with simple extension to keep the limb straight. Felt splints and bandages, when applied, become tightened by the swelling of the limb, and when the dressings are deferred for two or three days, they are exceedingly painful and productive of great mischief. We had arrived at the hospital at a favorable time for hard work, and we strove to perform it in behalf of our patients, in justice to our profession, and to the State of New York, which we represented. The surgeon in charge of the general hospital was our friend Dr. Reed B. Bontecou, Brigade Surgeon in General Wool's Division, formerly of Troy, to whom we were indebted for hospitality and for many kind attentions. The hospital was a part of the Hygeia Hotel, formerly a fashionable Southern resort, a sort of Southern Saratoga, built to accommodate twelve hundred guests, where the gay and the happy resorted, to breathe the invigorating air from the ocean. It was a sad thought, that where only cheerful voices once mingled, the groans of the wounded and the dying now burdened the air. The roses in the court-yard which once emitted sweet perfume, now seemed sickly, unattractive, and exhaling only the odor of pus and suppurating wounds. There

were said to be at the Hygeia about five hundred patients. It was the nearest hospital to the landing, and consequently many of the worst cases were taken off here. After working almost without intermission on Saturday, Sunday and Monday, we found two platform car loads of wounded just arrived. They were laid on the piazza and in the yard, in the rear of the hotel, where their wounds were dressed. Every place seemed covered. They were immediately sent on a transport North.

The capital operations that occurred during our stay were four cases of resection of the shoulder joint, three amputations of the thigh, one amputation by disarticulation at the knee joint, two cases of resection at the elbow, and ten cases of exsection of the femur, eight of which were performed by Dr. Bontecou, and two by Dr. Swinburne. Dr. Bontecou is a graceful and accomplished operator, and must be ranked among the first American surgeons. The result of many of the cases of exsection of the femur were unsuccessful, though not under circumstances that ought to weigh against the operation entirely. The muscles in these cases were greatly torn, and destroyed by the force of the balls; the patients were already exhausted, and the air of the over-crowded wards had become so pus poisoned, that a well man could scarcely have lived a week in them, and it necessitated the vacating of some of them entirely. This was the case of the Reading Room ward of which we had the charge. There were at this hospital, as assistants to Dr. Bontecou, Dr. Van Steenberg, of the First regiment, and Dr. Forshee, of the Eleventh regiment; Brigade Surgeon Shipman, and Dr. Light. One mile west was the Mill Creek Hospital, a large government storehouse, with about three hundred beds, all of which were occupied, under the charge of Brigade Surgeon Hunt. Here Dr. McLean, of the New York Second, and Dr. Whiton, assistant, were stationed. Drs. Brinsmade, of Troy; Alden and Henry March; Lente,* of Cold Spring, and others, were doing volunteer service at this hospital. One mile still further west was the Chesapeake Hospital, a large building formerly known as the Chesapeake Female Seminary. It was under the charge of Dr. McCay, Brigade Surgeon. Drs. Edward H. Parker, Stephen Smith, Husted, and A. C. Post were on service there. I saw Dr. Post apply a ligature to the primitive carotid. He mentions the operation in a letter to the American Medical Times, of June 7. In this

* See description of Dr. Lente, Am. Med. Times, June 14.

establishment there were said to be seven hundred beds, making fifteen hundred wounded and sick at Old Point Comfort. There were many sad, sad scenes in the hospitals. Among the faithful laborers at the Hygeia was the Chaplain of the United States ship Chesapeake, and Mr. Barclay, a christian philanthropist from Philadelphia, who was unremitting in his attentions to the sick, procuring for them all that money could purchase, and encouraging them by words and acts of kindness.

Drs. Cogswell and Lansing of Albany arrived at Fortress Monroe on Saturday the 17th, when we all received orders from Dr. Cuyler to report to Dr. Tripler, the medical director of the Army of the Potomac, at its headquarters. We reached Yorktown on Saturday evening, and for want of a pilot remained there until morning, having time to make a hurried survey of the place, but not to visit the hospitals, which were under the charge of Dr. Greenleaf. There were fifteen hundred sick in the hospitals at Yorktown.

It was a delightful sail up the Pamunkey river. There was a stillness becoming the Sabbath morning, the clouds were so beautifully reflected in the river that one might question whether he was sailing through the sky or the water. On the banks of the river all was quiet, and except in few places where "contrabands" gathered about their cabins, they appeared deserted. At West Point we had taken on board a "secesh" pilot, without any special guarantee that our steamer would be safe in his hands. We passed safely the vessels that had been sunk in the river to obstruct navigation, and a little past meridian approached Cumberland, where we found the rear of the army. White House, which is the head of navigation on the Pamunkey river, was several miles beyond, and to this place the river was literally crowded with steamers and transports of every description. It is estimated that there could not have been less than ten thousand vessels, steamers and transports. General McClellan and the advance of the army were at this place. One can only be impressed with the magnitude of an army by actually seeing it and being in its commotion. We found our way to the medical director's whose tent was near General McClellan's, and presented our credentials, with the assurance that we were ready for any service. After a little hesitation we were informed that he had nothing for us to do, and the order for our transportation to

Fortress Monroe was accordingly furnished. We spent the afternoon on the field, meeting at almost every point some familiar face. The evening dress parade of the army excited our admiration as the air echoed with the music of a hundred bands. As far as the eye could reach the field was covered with men, and tents, horses, mules, and army wagons. Towards evening the army received orders to move forward at 4 o'clock the next (Monday, May 19,) morning. When we arrived at the steamer in the evening, preparatory to our return, we found a message from Dr. Tripler, requesting us to report to him the next morning at seven o'clock. This we did. He informed us that he had determined to organize a field hospital at that place, and to send back the sick and disabled of the army there for treatment. He requested us to establish this hospital, of which Brigade Surgeon J. H. Baxter was to remain as director. About three hundred sick had been left on the ground. The hospital was to be composed of one hundred tents erected in double line on an oblong square, to accommodate twelve hundred patients or twelve in each tent. Two companies from the New York 93d and one from the 106th Pennsylvania were detailed for the labor under our supervision. There was a delay in obtaining spades and axes; nothing could be done without them. It began to rain early in the afternoon, and the sick men were picked from the road side as fast as tents were erected to shelter them, others gathered under the trees until tents were ready. Night came and there was neither straw or any food. These poor sick and tired fellows laid down on the ground like brave men, without straw or food, and without a word of complaint. On Tuesday ambulances arrived with the sick faster than we were able to dispose of them. The straw that we obtained was wet and musty. There was yet no means for getting water, or beef, or kettles, or wood, and the thousand other things that pertained to the necessities of a hospital, and when night came again we all laid down on the ground in our tents, tired and hungry, and full of sympathy for the sufferings we could not relieve. On Wednesday the army supplies began to come in. The sanitary commission arrived and furnished us with beef, straw, beds, pillows, shirts and towels; while camp kettles, medical stores, coffee, rice and sugar were furnished from the army department. An arrangement was made for the transportation of wood and water; system and comfort began to come out of confusion and want. To Dr. Cogswell was assigned the laborious

duties of the office, and the superintendence of the hospital records, while to Drs. Swinburne, Lansing and myself, of Albany, Drs. Page and Hall, of Boston, was entrusted the reception and the treatment of the patients.

On Thursday a tremendous rain flooded the ground and some of the tents, so that many of the sick lay in the water. This was bad enough, but the men were brave and uncomplaining. Hay was brought after the rain, to raise them above the wet, and the surgeons waded through mud nearly to the top of their boots to see that the hay was well distributed, and to look after the sick. Immediate measures were then taken to floor the tents with plank, six inches above the ground, and to increase the drains around them. The Sanitary Commission did excellent service, and provided for the immediate wants of the sick, before the government resources could be obtained. They had the steamers Spaulding, Elm City and Daniel Webster, on which they received about four or five hundred of the most severe cases from the hospital during the first week. There were received at this field hospital during the first week about seventeen hundred patients. Many of them suffered in their re-transportation from the hospital to the steamers, and doubtless the mortality was increased by the removal of exhausted fever patients. When the wagons and ambulances reached the hospital at night, there was no alternative but to leave the patients in them until morning before beds could be provided for them. Perhaps many convalesced by the time they reached New York who would have been ready to join their regiments had they remained. Dr. Kneeland arrived during the week and labored hard and acceptably in hurrying the preparation of provisions for the patients. The culinary department was crude, and needed constant surveillance to make it run well. The patients necessarily suffered for food for the first few days. But the mortality was not large. During the first week there were only four deaths at the hospital, out of the seventeen hundred. Eight occurred on board the sanitary vessels, possibly some of these might have been avoided if their removal could have been prevented. I have not the statistics of sickness of the whole hospital, but those of two hundred and thirty-four patients for which I prescribed in the morning of May 24th, from which my report was furnished, they may be taken nearly as an index to the whole, and are as follows:

Two Hundred and Thirty-four Patients Visited and Prescribed for on the morning of the 24th of May, were as follows.

Debility	94
Fever	45
Diarrhœa	49
Rheumatism	16
Dysentery	6
Lame and wounded	8
Measles	3
Ruptured	3
Parotitis	1
Venereal	1
Pneumonia	1
Eruptive	3
Injured sight	1
Neuralgia	1
Spermatorrhœa	1
Sore throat	1

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Many of these cases would be able to return to duty in ten days. They were tired and exhausted; they needed REST and NOURISHMENT. The worst cases of fever, both remittent and typhoid, were sent to the vessels of the Sanitary Commission. Could they have been as well nourished at the hospital, they would have gained nothing by removal. The diarrhœas were not unusually obstinate, nor the dysentery severe, and but few of the cases of rheumatism were acute. The stimulus and tonic consisted of quinine and whisky, and were essential in the treatment of nearly every case. Suitable nourishment for the sick would have frequently answered better, but that could not be obtained. The resources of the government were large, but it required several days to concentrate them for the care of so many hundred sick. The zeal and energy of the Sanitary Commission, their timely aid at this hospital, the heart with which they came to the work, the willingness of their medical corps, rise above the praise which words can express. Such, in few words, was the organization of the hospital at Whitehouse, twenty-three miles from Richmond, and the part which those

who represented the State of New York bore in it. It was a great labor, and faithfully performed.

The situation which Dr. Tripler chose for the location of the hospital, on low spongy ground, has been severely criticised, and the conduct of General McClellan as severely censured for guarding the house of the rebel Colonel Lee (because it was the place where Washington first met his wife, Mrs. Custis,) instead of allowing it to be used for a hospital. I went through the house. It would not have contained fifty beds, and the lawn was not large enough for so many tents. The river was on one side of it and the road on the other. The miasm from the river and the noise from the road would have been two objections against using the lawn. A more desirable location might have been obtained on a slight elevation at a considerable distance south of Colonel Lee's house, where water would have been more easily available from the river, and the ground more easily surface drained, but Colonel Lee's house would have furnished no desirable addition to a hospital unless used for the headquarters of the surgeons or officers who might be sick. In the present case it was too far distant for the former purpose.

On Sunday the 25th of May, a delegation of twenty-four surgeons arrived from Massachusetts, and engaged with Dr. Tripler for service. Twelve were retained at the White House hospital and twelve sent back to Yorktown.

Circumstances obliged Dr. Cogswell and myself, though not without many regrets, to start on our journey homeward on the 26th instant, while Drs. Swinburne and Lansing went on and were at Savage's Station in time to receive hundreds of the wounded at the terrible battle of Fair Oaks, near Richmond, which occurred a few days afterward.

There are many physicians who have recently gone to do volunteer service, and the many who in various ways are connected with the labors of the sanitary commission, whose names and an account of whose services cannot at the present time be obtained.

June 12, 1862.

